

ω Practitioner'

C Proliminary Cl

Practitioner's Docket No.

944-003.027-1/32439

**PATENT** 

**Preliminary Classification:** 

**Proposed Class:** 

Subclass:

NOTE:

"All applicants are requested to include a preliminary classification on newly filed patent applications. The preliminary classification, preferably class and subclass designations, should be identified in the upper right-hand comer of the letter of transmittal accompanying the application papers, for example 'Proposed Class 2, subclass 129." M.P.E.P. § 601, 7<sup>th</sup> ed.

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box PATENT APPLICATION
Assistant Commissioner for Patents
Washington, D.C. 20231

#### **NEW APPLICATION TRANSMITTAL**

Transmitted herewith for filing is the patent application of

Inventor(s): Jussi Numminen

WARNING: 37 C.F.R.§ 1.41(a)(1) points out:

"(a) A patent is applied for in the name or names of the actual inventor or inventors.

"(1) The inventorship of a nonprovisional application is that inventorship set forth in the oath or declaration as prescribed by § 1.63, except as provided for in § 1.53(d)(4) and § 1.63(d). If an oath or declaration as prescribed by § 1.63 is not filed during the pendency of a nonprovisional application, the inventorship is that inventorship set forth in the application papers filed pursuant to § 1.53(b), unless a petition under this paragraph accompanied by the fee set forth in § 1.17(l) is filed supplying or changing the name or names of the inventor or inventors."

For (title): METHOD AND APPARATUS FOR DISCONTINUOUS RECEPTION

SCHEME AND POWER SAVING MODE FOR USER EQUIPMENT IN

**PACKET ACCESS MODE** 

## CERTIFICATION UNDER 37 C.F.R. § 1.10\*

(Express Mail label number is mandatory) (Express Mail certification is optional.)

I hereby certify that this New Application Transmittal and the documents referred to as attached therein are being deposited with the United States Postal Service on this date, <u>August 15, 2001</u>, in an envelope as "Express Mail Post Office to Addressee," mailing Label Number <u>EL 762 541 623 US</u>, addressed to the: Assistant Commissioner for Patents, Washington, D.C. 20231.

Judith Schick

(type or print name of person rf(ailing paper)

Signature of person mailing paper

WARNING: Certificate of mailing (first class) or facsimile transmission procedures of 37 C.F.R. § 1.8 cannot

be used to obtain a date of mailing or transmission for this correspondence.

WARNING: Each paper or fee filed by "Express Mail" must have the number of the "Express Mail" mailing

label placed thereon prior to mailing. 37 C.F.R. § 1.10(b).

Since the filing of correspondence under § 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will not be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at

56,442.

| 1.    | Typ  | oe c    | of Application  |  |  |  |  |  |
|-------|------|---------|---|--|--|--|--|--|
|       | This | s ne    | ew application is for a(n)  |  |  |  |  |  |
|       |      |         | (check one applicable item below)   |  |  |  |  |  |
|       | X    | Or      | iginal (nonprovisional)   |  |  |  |  |  |
|       |      | De      | esign   |  |  |  |  |  |
|       |      |         | Plant   |  |  |  |  |  |
| WA    | RNIN | G:      | "Do not use this transmittal for a completion in the U.S. of an International Application under 35 U.S.C. § 37(c)(4), unless the International Application is being filed as a divisional, continuation or continuation-in-part application.  |  |  |  |  |  |
| WA    | RNIN | G:      | Do not use this transmittal for the filing of a provisional application.  |  |  |  |  |  |
| NOTE: |      | AP<br>a | one of the following 3 items apply, then complete and attach ADDED PAGES FOR NEW PLICATION TRANSMITTAL WHERE BENEFIT OF A PRIOR U.S. APPLICATION CLAIMED and NOTIFICATION IN PARENT APPLICATION OF THE FILING OF THIS CONTINUATION PLICATION. |  |  |  |  |  |
|       |      |         | Divisional Continuation Continuation-in-part (C-I-P)  |  |  |  |  |  |

#### 2. Benefit of Prior U.S. Application(s) (35 U.S.C. §§ 119(e), 120, or 121)

NOTE: A nonprovisional application may claim an invention disclosed in one or more prior filed copending nonprovisional applications or copending international applications designating the United States of America. In order for a nonprovisional application to claim the benefit of a prior filed copending nonprovisional application or copending international application designating the United States of America, each prior application must name as an inventor at least one inventor named in the later filed nonprovisional application and disclose the named inventor's invention claimed in at least one claim of the later filed nonprovisional application in the manner provided by the first paragraph of 35 U.S.C. § 112. Each prior application must also be:

- (i) An international application entitled to a filing date in accordance with PCT Article 11 and designated the United States of America; or
- (ii) Complete as set forth in § 1.51(b); or
- (iii) Entitled to a filing date as set forth in § 1.53(b) or § 1.53(d) and include the basic filing fee set forth in § 1.16; or
- (iv) Entitled to a filing date as set forth in § 1.53(b) and have paid therein the processing and retention fee set forth in § 1.21(I) within the time period set forth in § 1.53(f).

37 C.F.R. § 1.78(a)(1).

NOTE: If the new application being transmitted is a divisional, continuation or a continuation-in-part of a parent case, or where the parent case is an International Application which designated the U.S., or benefit of a prior provisional application is claimed, then check the following item and complete and attach ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.

WARNING: If an application claims the benefit of the filing date of an earlier filed application under 35 U.S.C. §§ 120, 121 or 365(c), the 20-year term of that application will be based upon the filing date of the earliest U.S. application that the application makes reference to under 35 U.S.C. §§ 120,121 or 365(c). (35 U.S.C. § 154(a)(2) does not take into account, for the determination of the patent term, any application on which priority is claimed under 35 U.S.C. §§ 199, 365(a) or 365(b).) For a c-i-p application, applicant should review whether any claim in the patent that will issue is supported by an earlier application and, if not, the applicant should consider canceling the reference to the earlier filed application. The term of a patent is not based on a claim-byclaim approach. See Notice of April 14, 1995, 60 Fed. Reg. 20,195, at 20,205.

4.

**WARNING:** When the last day of pendency of a provisional application falls on a Saturday, Sunday, or Federal holiday within the District of Columbia, any nonprovisional application claiming benefit of the provisional application must be filed prior to the Saturday, Sunday, or Federal holiday within the District of Columbia. See 37 C.F.R. § 1.78(a)(3).

IN The new application being transmitted claims the benefit of prior U.S. application(s). Enclosed are ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.

#### 3. Papers Enclosed

- A. Required for filing date under 37 C.F.R. § 1.53(b) (Regular) or 37 C.F.R. § 1.153 (Design) Application
- 26 Pages of specification
- 8 Pages of claims
- 7 Sheets of drawings

**WARNING:** 

DO NOT submit original drawings. A high quality copy of the drawings should be supplied when filing a patent application. The drawings that are submitted to the Office must be on strong, white, smooth, and non-shiny paper and meet the standards according to § 1.84. If corrections to the drawings are necessary, they should be made to the original drawing and a high-quality copy of the corrected original drawing then submitted to the Office. Only one copy is required or desired. For comments on proposed then-new 37 C.F.R. § 1.84, see Notice of March 9, 1988 (1990 O.G. 57-62).

NOTE: "Identifying indicia, if provided, should include the application number or the title of the invention, inventor's name, docket number (if any), and the name and telephone number of a person to call if the Office is unable to match the drawings to the proper application. This information should be placed on the back of each sheet of drawing a minimum distance of 1.5 cm (5/8 inch) down from the top of the page . . . " 37 C.F.R. § 1.84(c)).

(complete the following, if applicable)

|    |   | The enclosed drawing(s) are photograph(s), and there is also attached a "PETITION TO ACCEPT PHOTOGRAPH(S) AS DRAWING(S)." 37 C.F.R. § 1.84(b).                        |  |  |  |  |  |  |
|----|---|---|--|--|--|--|--|--|
|    |   | The enclosed drawing(s) are in color. Three (3) sets of color drawings and a "PETITION TO ACCEPT COLOR DRAWING(S)" are attached. 37 C.F.R. §§ 1.84(a)(2) and 1.84(b). |  |  |  |  |  |  |
|    | ×   | formal informal   |  |  |  |  |  |  |
| В. | Oth   | er Papers Enclosed  |  |  |  |  |  |  |
|    | Pages of declaration and power of attorney<br>Pages of abstract<br>Other_(title page) |   |  |  |  |  |  |  |
| Ad | ditio   | nal papers enclosed   |  |  |  |  |  |  |
|    | Am  | endment to claims   |  |  |  |  |  |  |
|    | filin   | ncel in this application claimsbefore calculating the g fee. (At least one original independent claim must be retained for filing poses.)                             |  |  |  |  |  |  |
|    |   | the claims shown on the attached amendment. (Claims added have been nbered consecutively following the highest numbered original claims.)                             |  |  |  |  |  |  |

|       | Pre  | Preliminary Amendment   |  |  |  |  |  |  |  |
|-------|--|---|--|--|--|--|--|--|--|
|       | Info   | Information Disclosure Statement (37 C.F.R. § 1.98)   |  |  |  |  |  |  |  |
|       | For  | Form PTO-1449 (PTO/SB/08A and 08B)  |  |  |  |  |  |  |  |
|       | Cita   | ations  |  |  |  |  |  |  |  |
|       | Dec  | claration of Biological Deposit   |  |  |  |  |  |  |  |
|       | per  | omission of "Sequence Listing," computer readable copy and/or amendment taining thereto for biotechnology invention containing nucleotide and/or amino disequence   |  |  |  |  |  |  |  |
|       |  | horization of Attorney(s) to Accept and Follow Instructions from<br>presentative  |  |  |  |  |  |  |  |
|       | Spe  | ecial Comments  |  |  |  |  |  |  |  |
|       | Oth  | ner   |  |  |  |  |  |  |  |
| 5. De | clara  | ation or oath (including power of attorney)   |  |  |  |  |  |  |  |
| NOTE: | A ne the py a appir the according to the copy or, it | A newly executed declaration is not required in a continuation or divisional application provided that the prior nonprovisional application contained a declaration as required, the application being filed is by all or fewer than all the inventors named in the prior application, there is no new matter in the application being filed, and a copy of the executed declaration filed in the prior application (showing the signature or an indication thereon that it was signed) is submitted. The copy must be accompanied by a statement requesting deletion of the names of person(s) who are not inventors of the application being filed. If the declaration in the prior application was filed under § 1.47, then a copy of that declaration must be filed accompanied by a copy of the decision granting § 1.47 status or, if a nonsigning person under § 1.47 has subsequently joined in a prior application, then a copy of the subsequently executed declaration must be filed. See 37 C.F.R. §§ 1.63(d)(1)-(3). |  |  |  |  |  |  |  |
| NOTE: | dire<br>with<br>addi                                 | A declaration filed to complete an application must be executed, identify the specification to which it is directed, identify each inventor by full name including family name and at least one given name, without abbreviation together with any other given name or initial, and the residence, post office address and country or citizenship of each inventor, and state whether the inventor is a sole or joint inventor. 37 C.F.R. § 1.63(a)(1)-(4).   |  |  |  |  |  |  |  |
| NOTE: | deci<br>deci<br>the<br>unle                          | e inventorship of a nonprovisional application is that inventorship set forth in the oath or laration as prescribed by § 1.62, except as provided for in § 1.53(d)(4) and § 1.63(d). If an oath or laration as prescribed by § 1.63 is not filed during the pendency of a nonprovisional application, inventorship is that inventorship set forth in the application papers filed pursuant to § 1.53(b), ass a petition under this paragraph accompanied by the fee set forth in § 1.17(I) is filed supplying thanging the name or names of the inventor or inventors." 37 C.F.R. § 1.41(a)(1).   |  |  |  |  |  |  |  |
|       |  | Enclosed  |  |  |  |  |  |  |  |
|       |  | Executed by   |  |  |  |  |  |  |  |
|       |  | (check all applicable boxes)  |  |  |  |  |  |  |  |
|       |  | inventor(s). legal representative of inventor(s). 37 C.F.R. §§ 1.42 or 1.43. joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or cannot be reached.  |  |  |  |  |  |  |  |
|       |  | petition required by 37 C.F.R. § 1.47 and the statement required by 37 C.F. R. so attached. See item 13 below for fee.  |  |  |  |  |  |  |  |
|       | X  | Not Enclosed  |  |  |  |  |  |  |  |

| NOTE:  | Where the filing is a completion in the U.S. of an International Application or where the completion of the U.S. application contains subject matter in addition to the International Application, the application may be treated as a continuation or continuation-in-part, as the case may be, utilizing ADDED PAGE FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION CLAIMED. |                |   |  |  |  |  |
|--------|--|----------------|---|--|--|--|--|
|        |  |                | Application is made by a person authorized under 37 C.F.R. § 1.41(c) on behalf of <i>all</i> the above named inventor(s).   |  |  |  |  |
| (The   | e decl   | aratı          | ion or oath, along with the surcharge required by 37 C.F.R. § 1.16(e) can be filed subsequently).   |  |  |  |  |
|        |  |                | ☐ Showing that the filing is authorized.  (not required unless called into question. 37 C.F.R. § 1.41(d))   |  |  |  |  |
| 6. In  | vente  | orsh           | ip Statement  |  |  |  |  |
| WARN   | ING:   | own            | e named inventors are each not the inventors of all the claims an explanation, including the ership of the various claims at the time the last claimed invention was made, should be mitted.  |  |  |  |  |
| The in | vento  | orshi          | p for all the claims in this application is:  |  |  |  |  |
|        | The  | e sai          | me.   |  |  |  |  |
|        |  |                | or  |  |  |  |  |
|        |  |                |   |  |  |  |  |
|        |  |                | same. An explanation, including the ownership of the various claims me the last claimed invention was made,   |  |  |  |  |
|        |  | is s           | submitted.  |  |  |  |  |
|        |  | will           | be submitted  |  |  |  |  |
| 7. La  | angu   | age            |   |  |  |  |  |
| NOTE:  | An<br>requ   | Engli<br>uired | cation including a signed oath or declaration may be filed in a language other than English. sh translation of the non-English language application and the processing fee of \$130.00 by 37 C.F.R. § 1.17(k) is required to be filed with the application, or within such time as may the Office. 37 C.F.R. § 1.52(d). |  |  |  |  |
|        | ⊠  |                | English<br>Non English  |  |  |  |  |
|        |  |                | The attached translation includes a statement that the translation is accurate. 37 C.F.R. § 1.52(d).  |  |  |  |  |
| 8. A   | ssigr  | ımeı           | nt  |  |  |  |  |
|        | ×  | An             | assignment of the invention to Nokia Mobile Phones, Ltd., doing   |  |  |  |  |
|        |  | bus            | siness at Keilalahdentie 4, FIN-02150 Espoo FINLAND   |  |  |  |  |
|        |  |                | is attached. A separate   "COVER SHEET FOR ASSIGNMENT (DOCUMENT) ACCOMPANYING NEW PATENT APPLICATION" or  FORM PTO 1595 is also attached.  will follow.   |  |  |  |  |
| NOTE:  | "If an assignment is submitted with a new application, send two separate letters-one for the application and one for the assignment." Notice of May 4, 1990 (1114 O.G. 77-78).   |                |   |  |  |  |  |

| WAR  | NING:  |  |  |   |                                  |  | 3(b)" must be filed when a<br>April 30, 1993, 1150 OG 62-64.   |
|--|--|--|--|---|----------------------------------|--|--|
|  |  |  |  |   |                                  |  | ssignment document for   |
|  |  |  |  |   |                                  |  | Reel   |
|  |  |  |  |   |                                  |  | Frame  |
| 9.   | Certifie   | ed Copy  |  |   |                                  |  |  |
| (  | Certifie   | d copy(ies)  | of applica   | ation(s)  |                                  |  |  |
|  | Countr   | у  | ·  | Appl  | n. No.                           |  | Filed  |
|  | Country  |  |  | Annl  | n. No.                           | <del></del> .  | Filed  |
|  |  |  | laimad:  | , φρ.   |                                  |  | ,  |
| HOIII  | which  | priority is c is (are) att   |  |   |                                  |  |  |
|  |  | will follow.   | u0110u.  |   |                                  |  |  |
|  | dec<br>E: This<br>U.S<br>§ 12<br>PAC<br>APF  | laration. 37 C.s item is for ar<br>s application o<br>20 is itself enti<br>GES FOR I<br>PLICATION(S) | F.R. § 1.55(<br>by foreign pi<br>r Internation<br>tled to priori<br>NEW APPI<br>CLAIMED. | a) and 1.63. iority for which the al Application fro the ty from a prior follocation TRA  § 1.16) | he applio<br>m which<br>reign ap | cation being filed<br>this application<br>plication, then co | st be referred to in the oath or directly relates. If any parent claims benefit under 35 U.S.C. omplete item 18 on the ADDED BENEFIT OF PRIOR U.S. |
|  |  |  |  | CLAIMS A  | AS FILE                          | ED   |  |
| Num  | ber file   | ed   |  | Number Extr   | а                                | Rate   | Basic Fee<br>37 C.F.R. § 1.16(a)<br>\$710.00   |
|  | l Claim<br>C.F.R.  | s<br>§ 1.16(c))  | -20 =  | 0   | x                                | \$18.00 =  |  |
|  |  | nt Claims<br>§ 1.16(b))  | -3 =   | 0   | x                                | \$80.00 =  |  |
| Multiple dependent claim(s), if any (37 C.F.R. § 1.16(d)) + \$260.00 |  |  |  |   |                                  |  |  |
|  | <ul> <li>□ Amendment canceling extra claims is enclosed.</li> <li>□ Amendment deleting multiple-dependencies is enclosed.</li> <li>□ Fee for extra claims is not being paid at this time.</li> </ul> |  |  |   |                                  |  |  |
| NOTE   | ame  | endment, prior   | to the expi  |   | period                           | set for response   | aid or the claims canceled by<br>by the Patent and Trademark   |
|  |  | Filing   | Fee Calcı  | ulation   |                                  |  | \$   |

(New Application Transmittal [4-1] page 6 of 11)

| В.        | ☐ Design app<br>(\$310.00 –  | lication<br>37 C.F.R. § 1.16(f))  |  |
|-----------|--|---|--|
|           | •  | Filing Fee Calculation  | \$   |
| C.        | ☐ Plant applic   | cation  |  |
|           | (\$480.00 - 37 C   | C.F.R. § 1.16(g))   |  |
|           |  | Filing Fee Calculation  | \$   |
| 11. Small | Entity Statemen  | t(s)  |  |
|           | atement(s) that thare are) attached.   | nis is a filing by a small entity ur  | nder 37 C.F.R. §§ 1.9 and 1.27   |
| WARNING:  | the status is availar affect any other arindirectly dependent the refiling of an (including a continuapplication requires continuing or reissing \$ 119(e), 120, 12 statement filed in the reissue application or includes a copy entity is still proper | ble and desired. Status as a small entipplication or patent, including applicant upon the application or patent in wapplication under § 1.53 as a continued prosecution application under § s a new determination as to continued to a perior application. A nonprovisional application, or a prior application, or the prior application or in the patent includes a reference to the statement of the statement in the prior application. | In each application or patent in which try in one application or patent does not tions or patents which are directly or thich the status has been established. Use the status has been established to small entity status for the cation claiming benefit under 35 U.S.C. or a reissue application may rely on a find the prior application or in the patent or in the patent and status as a small all entity basic statutory filing fee will be 37 C.F.R. § 1.28(a)(2). |
| WARNING:  | "Small entity statu<br>statement can une<br>rev. 2, July 1996 (e   | equivocally make the required self-centerphasis added).   | e person or persons signing the rtification." M.P.E.P., § 509.03, 6 <sup>th</sup> ed.,   |
|           |  | (complete the following, if ap  |  |
|           | □ Status as a  | small entity was claimed in price   |  |
|           | benefit is be  | , filed on<br>eing claimed for this application   | , from which<br>n under:   |
|           |  | .C. § □ 119(e),<br>□ 120,<br>□ 121,<br>□ 365(c),<br>ich status as a small entity is st  | till proper and desired.   |
|           | □Ас  | copy of the statement in the price  | or application is included.  |
|           | Fili   | ng Fee Calculation (50% of <b>A</b> , I   | B, or C above)   |
|           |  | \$  |  |
| f         | led within 2 months  |   | tity statement and a refund request are<br>full fee. The two-month period is not   |
| 12. Reque | st for Internatio  | nal-Type Search (37 C.F.R. §  | 1.104(d))  |
|           |  | (complete, if applicable)   |  |
|           |  |   | t for this application at the time   |
|           |  | nination on the merits takes pla  | ce.  |

# 13. Fee Payment Being Made at This Time

| ΙXΙ    | NOI  | Enclosed  |   |  |  |  |  |  |  |
|--------|--|---|---|--|--|--|--|--|--|
|        | X  | No filing fee is to be paid at this time. (This and the surcharge required by 37 C.F.R. § 1.16(e) can subsequently.)  | be paid   |  |  |  |  |  |  |
|        | End  | Enclosed  |   |  |  |  |  |  |  |
|        |  | Filing fee  | \$  |  |  |  |  |  |  |
|        |  | Recording assignment<br>(\$40.00 – 37 C.F.R. § 1.21(h))<br>(See attached "COVER SHEET<br>FOR ASSIGNMENT ACCOMPANYING<br>NEW APPLICATION.")  | \$  |  |  |  |  |  |  |
|        |  | Petition fee for filing by other than all the inventors or person on behalf of the inventor where inventor refused to sign or cannot be reached.  (\$130.00 - 37 C.F.R. §§ 1.47 and 1.17(i))  | \$  |  |  |  |  |  |  |
|        |  | For processing an application with a specification in a non-English language (\$130.00; 37 C.F.R. §§ 1.52(d) and 1.17(k))   | \$  |  |  |  |  |  |  |
|        |  | Processing and retention fee (\$130.00, 37 C.F.R. §§ 1.52(d) and 1.21(l))   | \$  |  |  |  |  |  |  |
|        |  | Fee for international-type search report (\$40.00; 37 C.F.R. § 1.21(e))   | \$  |  |  |  |  |  |  |
| NOTE:  | for f<br>to 3<br>app   | C.F.R. § 1.21(I) establishes a fee for processing and retaining any application in the complete the application pursuant to 37 C.F.R. § 1.53(f) and this, a lift of C.F.R. §§ 1.53 and 1.78(a)(1), indicate that in order to obtain the bilication, either the basic filing fee must be paid, or the processing and retain the paid, within 1 year from the notification under § 53(f). | s well as the changes<br>enefit of a prior U.S. |  |  |  |  |  |  |
|        | Tot  | al fees enclosed  | \$  |  |  |  |  |  |  |
| 14. Me | tho  | d of Payment of Fees  |   |  |  |  |  |  |  |
|        | Atta   | ached is a $\square$ check $\square$ money order in the amount of $\$$  | <del>-</del>                                    |  |  |  |  |  |  |
|        | Authorization if hereby made to charge the amount of \$  |   |   |  |  |  |  |  |  |
|        |  | to Deposit Account No   |   |  |  |  |  |  |  |
|        |  | to credit card as shown on the attached credit card infor authorization form PTO-2038   | mation  |  |  |  |  |  |  |
|        |  | arge any additional fees required by this paper or credit any or manner authorized above. A duplicate of this transmittal is a  |   |  |  |  |  |  |  |
| NOTE:  | Fees should be itemized in such a manner that it is clear for which purpose the fees are paid. 37 C.F.R. § 1.22(b) |   |   |  |  |  |  |  |  |

### 15. Authorization to Charge Additional Fees

**WARNING:** If no fees are to be paid on filing, the following items should not be completed. **WARNING:** Accurately count claims, especially multiple dependent claims, to avoid unexpected high charges, if extra claim charges are authorized. ☐ The Commissioner is hereby authorized to charge the following additional fees by this paper and during the entire pendency of this application to Account No. 37 C.F.R. § 1.16(a), (f), or (g) (filing fees) 37 C.F.R. § 1.16(b), (c), and (d) (presentation of extra claims) Because additional fees for excess or multiple dependent claims not paid on filing or on later presentation must only be paid or these claims canceled by amendment prior to the expiration of the time period set for response by the P.T.O. in any notice of fee deficiency (37 C.F.R. § 1.16(d)), it might be best not to authorize the P.T.O. to charge additional claim fees, except possibly when dealing with amendments after final action. ☐ 37 C.F.R. § 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application) ☐ 37 C.F.R. § 1.17(a)(1)-(5) (extension fees pursuant to § 1.136(a)) ☐ 37 C.F.R. § 1.17 (application processing fees) **WARNING:** "...A written request may be submitted in an application that is an authorization to treat any concurrent or future reply, requiring a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. An authorization to charge all required fees, fees under § 1.17, or all required extension of time fees will be treated as a constructive petition for an extension of time in any concurrent or future reply requiring a petition for an extension of time under this paragraph for its timely submission. Submission of the fee set forth in § 1.17(a) will also be treated as a constructive petition for an extension of time in any concurrent reply requiring a petition for an extension of time under this paragraph for its timely submission." 37 C.F.R. § 1.136(a)(3). ☐ 37 C.F.R. § 1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to 37 C.F.R. § 1.311(b)) NOTE: Where an authorization to charge the issue fee to a deposit account has been filed before the mailing of a Notice of Allowance, the issue fee will be automatically charged to the deposit account at the

37 C.F.R. § 1.28(b) requires "Notification of any change in status resulting in loss of entitlement to small entity status must be filed in the application . . . prior to paying, or at the time of paying, . . . issue fee." From the wording of 37 C.F.R. § 1.28(b), (a) notification of change of status must be made even if the fee is paid as "other than a small entity" and (b) no notification is required if the change is to another small entity.

time of mailing the Notice of Allowance. 37 C.F.R. § 1.311(b).

# 16. Instructions as to Overpayment

| NOTE:   | "Amounts of twenty-five dollars or less will not be returned unless specifically requested within a reasonable time, nor will the payer be notified of such amounts; amounts over twenty-five dollars may be returned by check or, if requested, by credit to a deposit account." 37 C.F.R. § 1.26(a). |  |  |  |  |  |  |  |
|---------|--|--|--|--|--|--|--|--|
|         |  | Credit Account No  |  |  |  |  |  |  |
|         |  | Refund   |  |  |  |  |  |  |
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|         |  | SIGNATURE OF PROCTITIONER  |  |  |  |  |  |  |
| Reg. N  |  |  |  |  |  |  |  |  |
| Tel. No | ). (20   | 03) 261-1234 William J. Barber, Esq.   |  |  |  |  |  |  |
|         |  | (type or print name of practitioner  |  |  |  |  |  |  |
|         |  | Ware, Fressola, Van Der Sluys<br><u>&amp; Adolphson, LLP</u>                       |  |  |  |  |  |  |
|         |  | P.O. (Correspondence) Address  |  |  |  |  |  |  |
|         |  | Building Five, Bradford Green<br>755 Main Street, P.O. Box 224<br>Monroe, CT 06468 |  |  |  |  |  |  |
| Custor  | ner I  | No. <b>004955</b>  |  |  |  |  |  |  |

## ☑ Incorporation by reference of added pages

(check the following item if the application in this transmittal claims the benefit of prior U.S. application(s) (including an international application entering the U.S. stage as a continuation, divisional or C-I-P application) and complete and attach the ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.)

|  | X   | Plus Added Pages for New Application Transmittal Where Benefit of Prior U.S. Application(s) Claimed  |  |  |  |  |  |  |
|--|-----|--|--|--|--|--|--|--|
|  |     | Number of pages added5   |  |  |  |  |  |  |
|  |     | Plus Added Pages for Papers Referred to in Item 4 Above  |  |  |  |  |  |  |
|  |     | Number of pages added  |  |  |  |  |  |  |
|  |     | Plus added pages deleting names of inventor(s) named in prior application(s) who is/are no longer inventor(s) of the subject matter claimed in this application. |  |  |  |  |  |  |
|  | 12  | Number of pages added  |  |  |  |  |  |  |
|  |     | Plus "Assignment Cover Letter Accompanying New Application"  |  |  |  |  |  |  |
|  |     | Number of pages added  |  |  |  |  |  |  |
|  | Sta | tement Where No Further Pages Added  |  |  |  |  |  |  |
|  |     | (if no further pages form a part of this Transmittal, then end this Transmittal with this page and check the following item.                                     |  |  |  |  |  |  |
|  |     | This transmittal ends with this page.  |  |  |  |  |  |  |

# ADDED PAGES FOR APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED

NOTE: See 37 CFR 1.78.

#### 17. Relate Back

WARNING: If an application claims the benefit of the filing date of an earlier filed application under 35 U.S.C. 120, 121 or 365(c), the 20-year term of that application will be based upon the filing date of the earliest U.S. application that the application makes reference to under 35 U.S.C. 120, 121 or 365(c). (35 U.S.C. 154(a)(2) does not take into account, for the determination of the patent term, any application on which priority is claimed under 35 U.S.C. 119, 365(a) or 365(b).) For a c-i-p application, applicant should review whether any claim in the patent that will issue is supported by an earlier application and, if not, the applicant should consider canceling the reference to the earlier filed application. The term of a patent is not based on a claim-by-claim approach. See Notice of April 14, 1995, 60 Fed. Reg. 20,195, at 20,205.

(complete the following, if applicable)

Amend the specification by inserting, before the first line, the following sentence:

### A. 35 U.S.C. 119(e)

NOTE: "Any nonprovisional application claiming the benefit of one or more prior filed copending provisional applications must contain or be amended to contain in the first sentence of the specification following the title a reference to each such prior provisional application, identifying it as a provisional application, and including the provisional application number (consisting of series code and serial number)." 37 C.F.R. § 1.78(a)(4).

"This application claims the benefit of U.S. Provisional Application(s) No(s).:

| APPLICATION NO(S).: | FILING DATE     |  |  |
|---------------------|-----------------|--|--|
| 60 / 226,162        | August 18; 2000 |  |  |
| /                   |                 |  |  |
| /                   |                 |  |  |

(Added Pages for Application Transmittal Where Benefit of Prior U.S. Application(s) Claimed [4-1.1]—page 1 of 5)

# B. 35 U.S.C. 120, 121 and 365(c)

|       | applica<br>first ser<br>it by a<br>numbe                                   | nti<br>nt<br>pr                  | ons designating<br>ence of the spe<br>dication number<br>and internation<br>es to other rela  | g the United S<br>cification follo<br>er (consisting on<br>al filing date  | States of Americ<br>wing the title a roof the series co<br>and indicating  | ca must contain<br>eference to each<br>de and serial nu<br>the relationship  | onal applications or intermor be amended to contain such prior application, idea mber) or international applications   | in the ntifying lication Cross-  |
|-------|--|----------------------------------|---|--|--|--|--|--|
|       | ) "ፐԻ  | nis                              | application   | n is a   |  |  |  |  |
|       |  |                                  | continuation  | )  |  |  |  |  |
|       |  |                                  | continuation  | n-in-part  |  |  |  |  |
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| c     | of cope  | er                               | nding applic  | ation(s)   |  |  |  |  |
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|       | ] Inte   | er                               | national Ap   | plication _  |  |  | _ filed on   |  |
|       |  | _                                |   |  | and whic   | h designated   | the U.S."  |  |
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| NOTE: | the filir  | ng                               |   | ontinuation-in-  |  |  | he International Applicatio<br>o for other reasons then th   |  |
| NOTE: |  |                                  |   |  | al phase in the<br>9 O.G. 32 to 46   |  | national application was o   | larified   |
|       | month Prelimit and ur which from ti to the internal 20 or 3 States as para | findi<br>ether<br>ati<br>30<br>2 | om the priority ary Examination I the 32nd more ected the Unit I priority date, atent and Trac onal applicatio month period O or 30 months raph (h) of § 1. | date if the Ur<br>n has been file<br>on the peed States of a<br>provided that<br>demark Office<br>on has not been<br>respectively, to<br>the from the priods | nited States has ed prior to the e priority date if a America has be a copy of the within the 20 en communicat the international prity date respect graph (i) of § 1.4 | been designated expiration of the Demand for Interest filed prior to international apport 30 month pered to the Patent application becautivity. These perest. A continuing | ation to be pending until the and no Demand for International Preliminary Example the expiration of the 19th dication has been communication for the 19th dication has been communication for the 19th and Trademark Office with the sabandoned as to the focks have been placed in the polication under 35 U.S.C. and application." | national<br>ity date<br>nination<br>month<br>nicated<br>of the<br>thin the<br>United<br>ne rules |
|       | ] "Tr  | 16                               | nonprovisi  | onal applic  | ation design   | ated above,  | namely application   |  |
|       |  | _                                | /   |  |  | , filed  | , claims the ben   | efit of  |
|       | U.S  | S.                               | Provisional   | Application  | n(s) No(s).:   |  |  |  |
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|       | ./   |                                  |   |  |  |  |  | "  |
|       | . /  |                                  |   |  |  |  |  | "  |
|       | 1.   |                                  |   |  |  |  |  | #  |
|       |  |                                  |   | n one refer  |  |  | ase combine all refer  | ences  |

NOTE: "Except for a continued prosecution application filed under § 1.53(d), any nonprovisional application

# 18. Relate Back—35 U.S.C. 119 Priority Claim for Prior Application

The prior U.S. application(s), including any prior International Application designating the U.S., identified above in item 17B, in turn itself claim(s) foreign priority(ies) as follows:

|                                    |       | Country   | Appln. no.  | Filed on  |  |  |  |  |
|------------------------------------|-------|---|---|---|--|--|--|--|
| The certified copy(ies) has (have) |       |   |   |   |  |  |  |  |
|                                    |       | been filed on   |   | /, which was  |  |  |  |  |
|                                    |       | is (are) attached.  |   |   |  |  |  |  |
| WAI                                | RNING | the International Bureau application in the com application communica a U.S. serial number unlestage is not entered. To prosecution of a continuous documents from the fold to request transfer, retrienter and make a record the priority documents. | may not be relied on without any nectinuing application. This is so becauted by the International Bureau is pless the national stage is entered. Such therefore, such certified copies may ruling application. An alternative woulders and transfer them to the continuities the folders, make suitable record of of such copies in the Continuing Ap | the been communicated to the PTO by the detection of the priority ause the certified copy of the priority also the certified copy of the priority also the certified copy of the priority also the certified copy of the national that the detection of the national and the terminal provided the priority of the certified copies, application are substantial. Accordingly, as that have not entered the national 10.G. 32 to 46). |  |  |  |  |
| 19.                                | Mai   | intenance of Cope   | endency of Prior Applica  | tion  |  |  |  |  |
| NOT                                | re    | the PTO finds it useful if a asponse is filed with the plovember 5, 1985 (1060 0.0  | papers constituting the filing of the   | or application extending the term for<br>a continuation application. Notice of  |  |  |  |  |
| A.                                 |       | Extension of time in  | prior application   |   |  |  |  |  |
|                                    | (Thi: |   | eleted and the papers filed in<br>d set in the prior application  |   |  |  |  |  |
|                                    |       | A petition, fee and reuntil   | esponse extends the term in   | the pending prior application   |  |  |  |  |
|                                    |       | ☐ A copy of the p   | petition filed in prior application   | on is attached.   |  |  |  |  |
| B.                                 |       | Conditional Petition  | for Extension of Time in Price  | or Application  |  |  |  |  |
|                                    |       | (complete th  | is item, if previous item not a   | applicable)   |  |  |  |  |
|                                    |       | A conditional petitio application.  | n for extension of time is be   | ing filed in the pending <b>prior</b>   |  |  |  |  |
|                                    |       | ☐ A <b>copy</b> of the c  | onditional petition filed in the  | prior application is attached.  |  |  |  |  |

(Added Pages for Application Transmittal Where Benefit of Prior U.S. Application(s) Claimed [4-1.1]—page 3 of 5)



# 20. Further Inventorship Statement Where Benefit of Prior Application(s) Claimed

(complete applicable item (a), (b) and/or (c) below)

| (a) | This application discloses and claims only subject matter disclosed in the prior application whose particulars are set out above and the inventor(s) in this application are |   |  |
|-----|--|---|--|
|     |  | the same.   |  |
|     |  | less than those named in the prior application. It is requested that the following inventor(s) identified for the prior application be deleted:   |  |
|     |  | (type name(s) of inventor(s) to be deleted)   |  |
| (b) | a n  | s application discloses and claims additional disclosure by amendment and<br>ew declaration or oath is being filed. With respect to the prior application,<br>inventor(s) in this application are |  |
|     |  | the same.   |  |
|     |  | the following additional inventor(s) have been added:   |  |
|     |  | (type name(s) of inventor(s) to be added)   |  |
| (c) | The  | inventorship for all the claims in this application are   |  |
|     |  | the same.   |  |
|     |  | not the same. An explanation, including the ownership of the various claims at the time the last claimed invention was made   |  |
|     |  | is submitted.   |  |
|     |  | ☐ will be submitted.  |  |

| 21.     | <b>\ba</b> | ndonment of Prior Application (if applicable)   |
|---------|------------|---|
| l       |            | Please abandon the prior application at a time while the prior application is pending, or when the petition for extension of time or to revive in that application is granted, and when this application is granted a filing date, so as to make this application copending with said prior application.  |
| NOTE.   | pa<br>rei  | coording to the Notice of May 13, 1983 (103, TMOG 6-7), the filing of a continuation or continuation-in-<br>rt application is a proper response with respect to a petition for extension of time or a petition to<br>vive and should include the express abandonment of the prior application conditioned upon the<br>anting of the petition and the granting of a filing date to the continuing application.   |
|         |            | tion for Suspension of Prosecution for the Time Necessary to an Amendment   |
| WARI    | VING.      | "The claims of a new application may be finally rejected in the first Office action in those situations where (1) the new application is a continuing application of, or a substitute for, an earlier application and (2) all the claims of the new application (a) are drawn to the same invention claimed in the earlier application, and (b) would have been properly finally rejected on the grounds of art of record in the next Office action if they had been entered in the earlier application." MPEP, § 706.07(b) |
| NOTE    | an         | here it is possible that the claims on file will give rise to a first action final for this continuation application<br>of for some reason an amendment cannot be filed promptly (e.g., experimental data is being gathered<br>may be desirable to file a petition for suspension of prosecution for the time necessary.  |
|         |            | (check the next item, if applicable)  |
|         |            | There is provided herewith a Petition To Suspend Prosecution for the Time Necessary to File An Amendment (New Application Filed Concurrently)   |
| 23.     | Sma        | all Entity (37 CFR § 1.28(a))   |
|         |            | Applicant has established small entity status by the filing of a statement in parent application / on  A copy of the statement previously filed is included.  |
| WAR     | NING       | : See 37 CFR § 1.28(a).   |
| 24.     | NOT        | rification in parent application of this filing   |
|         |            | A notification of the filing of this (check one of the following)   |
|         |            | ☐ continuation  |
|         |            | ☐ continuation-in-part  |
|         |            | ☐ divisional  |
| is bein |            | ed in the parent application, from which this application claims priority under 35 120.   |

(Added Pages for Application Transmittal Where Benefit of Prior U.S. Application(s) Claimed [4-1.1]—page 5 of 5)